



# National Weather Service Southeast River Forecast Center



## Daily Operational Support Message

issued

Monday, October 10<sup>th</sup>, 2016

for

North Carolina and Virginia



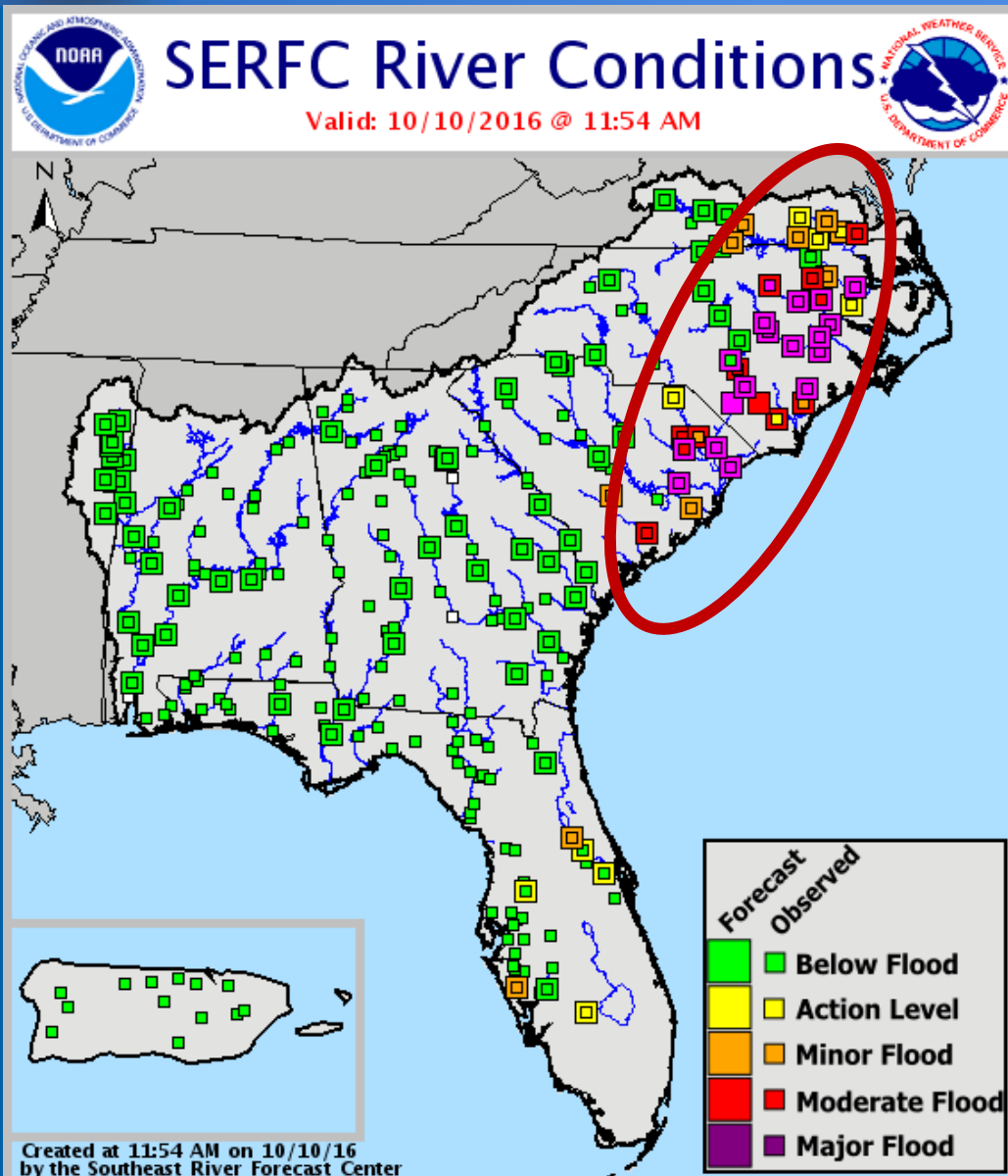
# Key Points



- Flooding will continue through the week as water moves towards the coast. We have included the hydrographs from the most impacted areas to assist.
- Flooding throughout the eastern halves of North Carolina, South Carolina, and Virginia. Record flooding in some areas with flooding disrupting the roads and inundating communities. Stay safe and don't drive into flooded areas.
- Please check with local weather forecast offices and emergency management for local impacts.



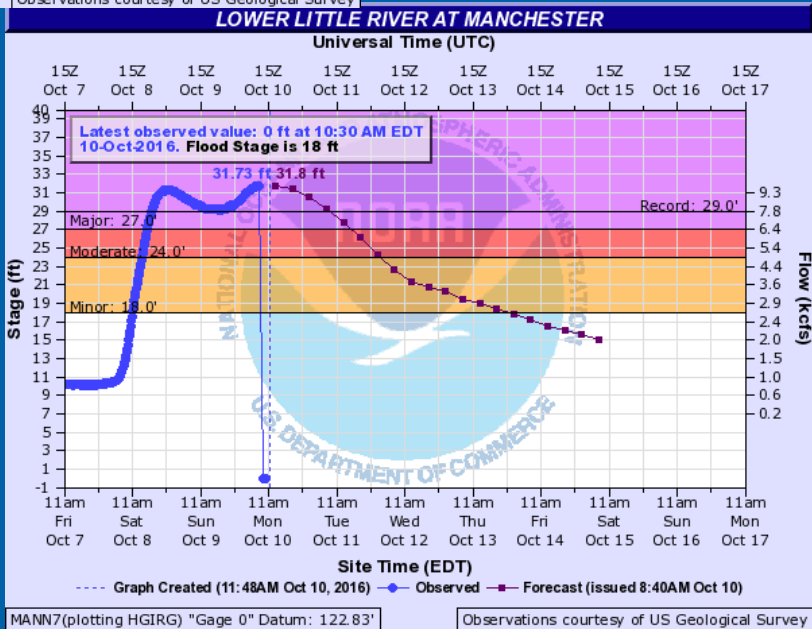
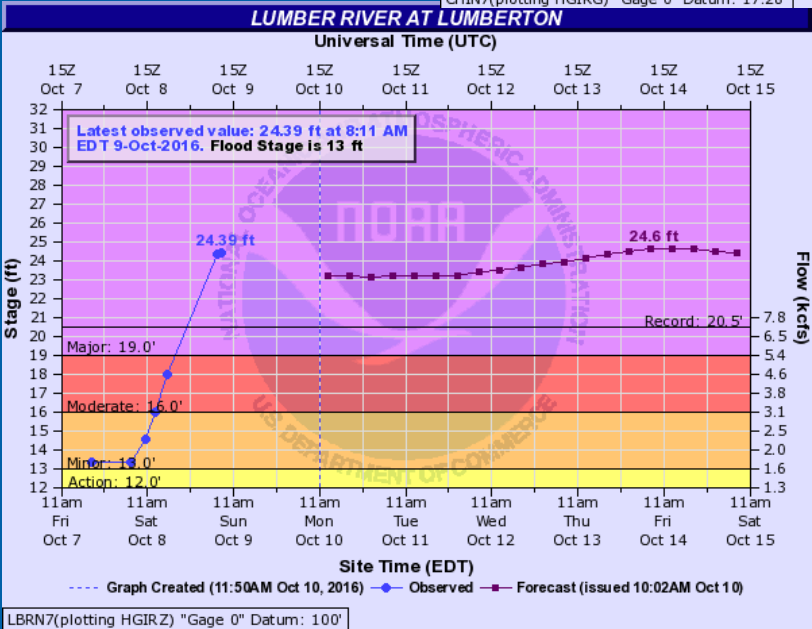
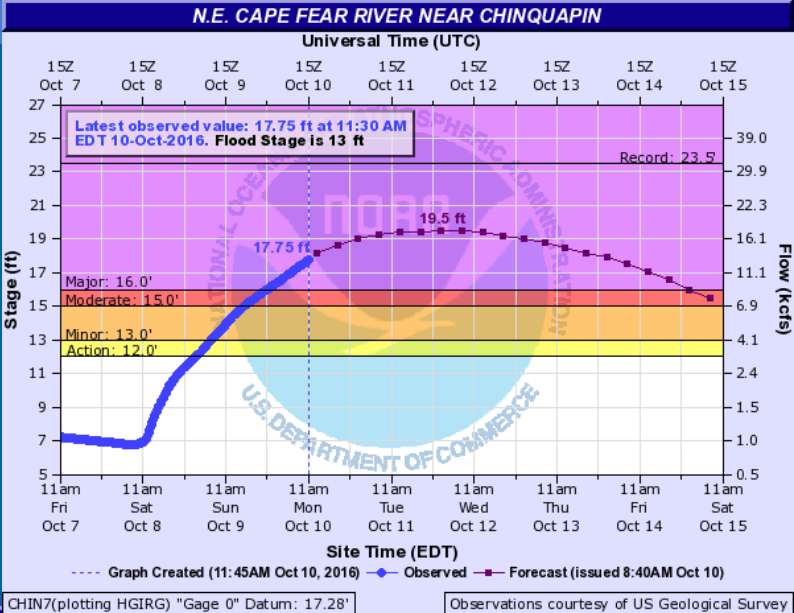
# Current River Status



- The red oval shows most impacted areas due to heavy rain in the area.
- Hydrographs of the area will follow. They focus on the areas most impacted.
- I have tried to group the forecasts in logical way so they are easy to find.

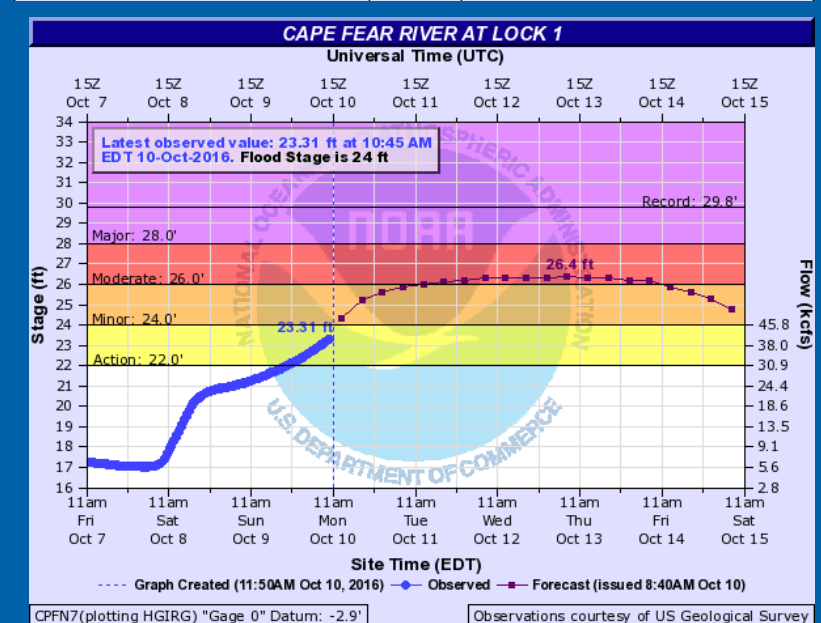
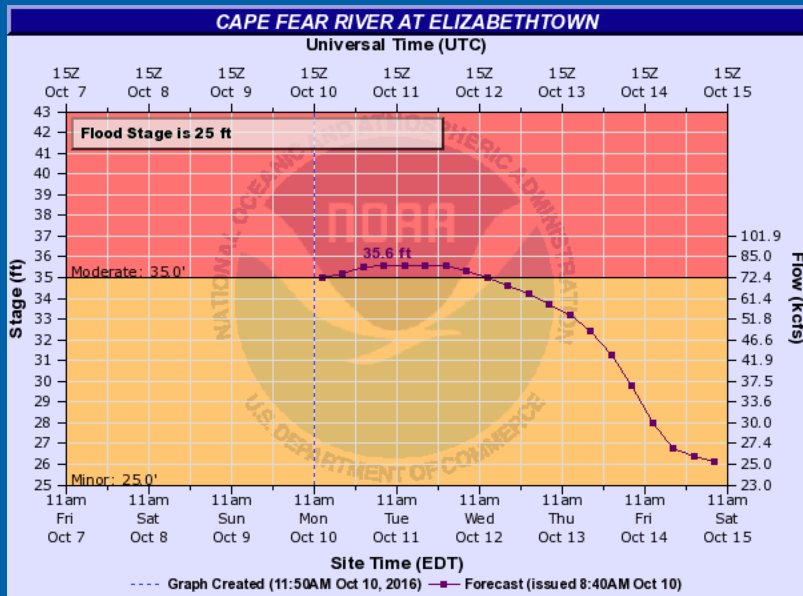
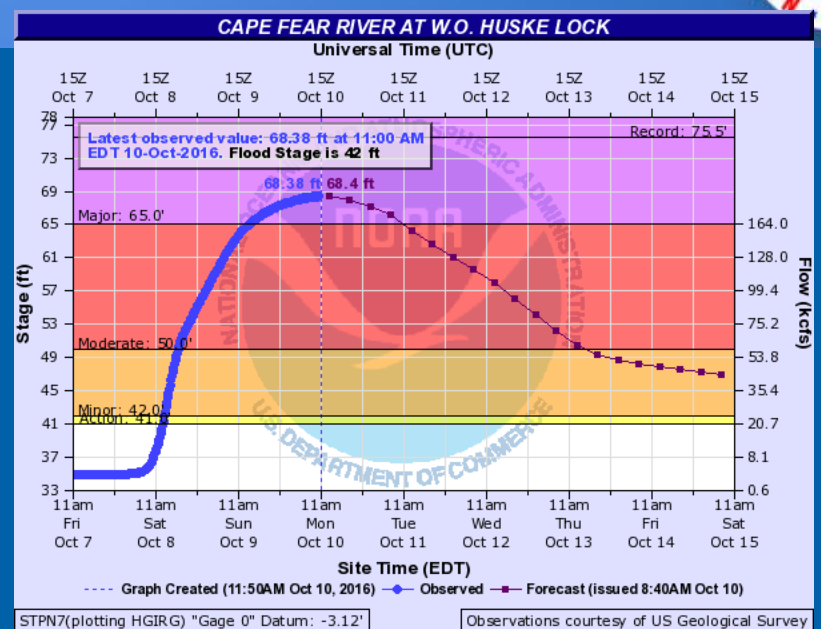
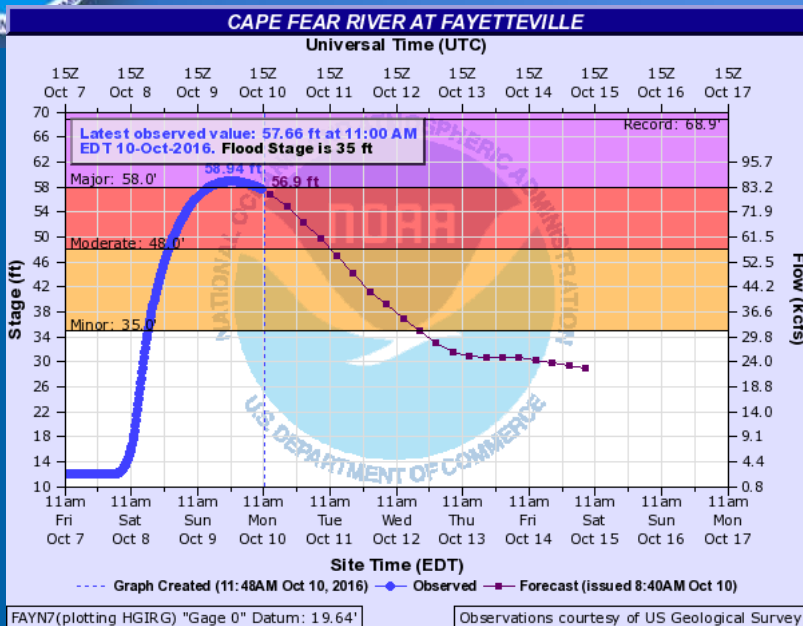


# River Forecasts





# Cape Fear River Forecasts



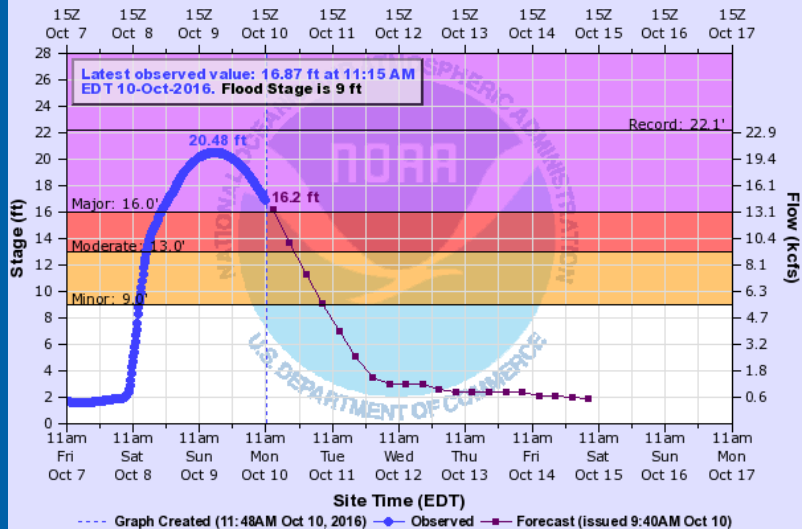


# Neuse River Forecasts



## NEUSE RIVER NEAR CLAYTON

Universal Time (UTC)

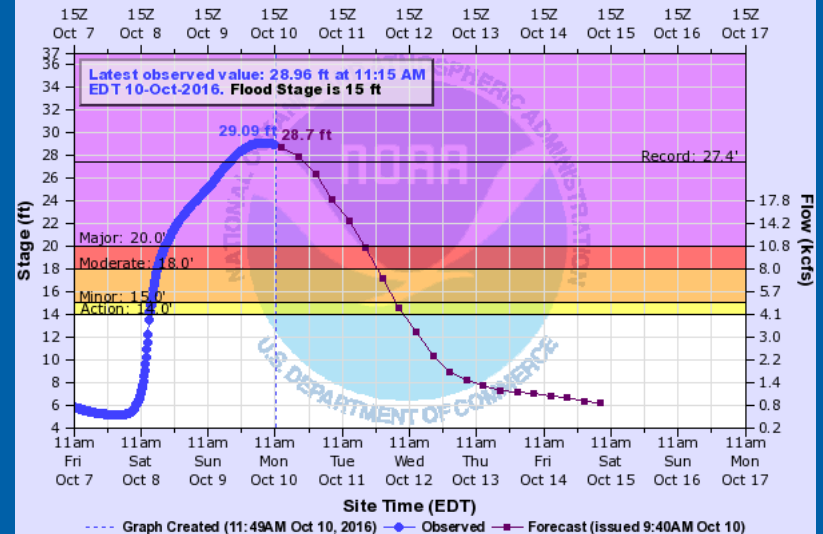


CLYN7(plotting HGIRG) "Gage 0" Datum: 128.41'

Observations courtesy of US Geological Survey

## NEUSE RIVER AT SMITHFIELD

Universal Time (UTC)

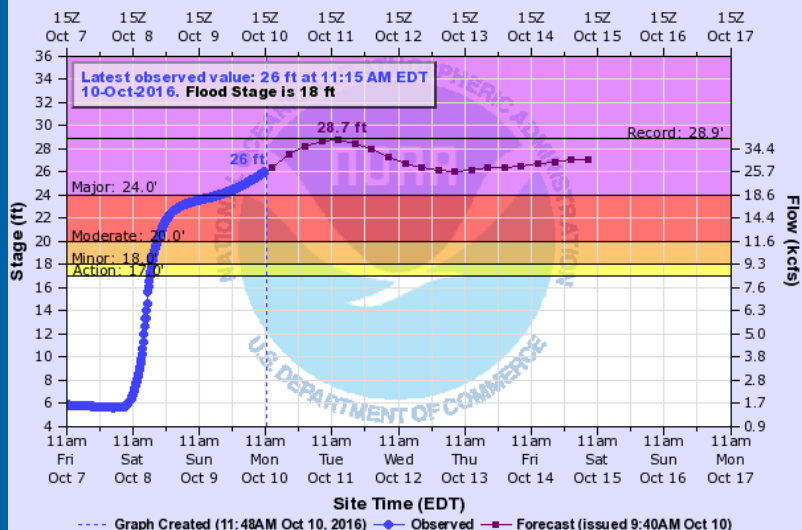


SMFN7(plotting HGIRG) "Gage 0" Datum: 99.26'

Observations courtesy of US Geological Survey

## NEUSE RIVER NEAR GOLDSBORO

Universal Time (UTC)

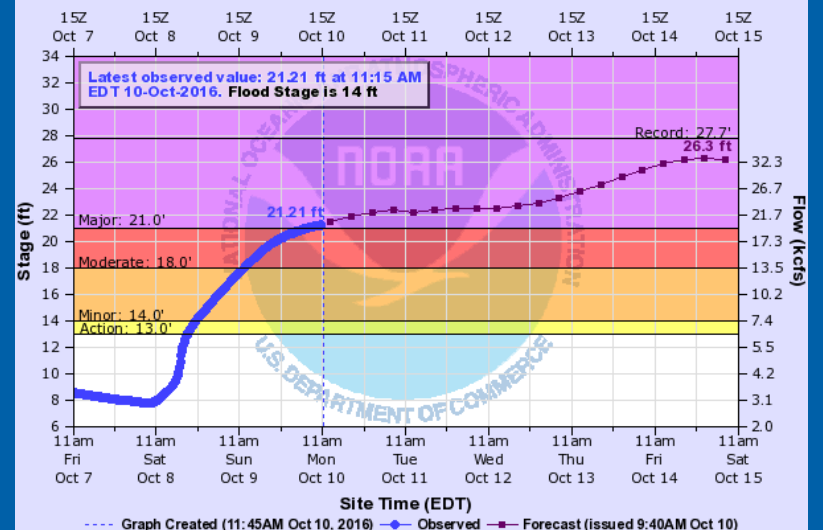


GLDN7(plotting HGIRG) "Gage 0" Datum: 42.95'

Observations courtesy of US Geological Survey

## NEUSE RIVER AT KINSTON

Universal Time (UTC)



KINN7(plotting HGIRG) "Gage 0" Datum: 10.9'

Observations courtesy of US Geological Survey



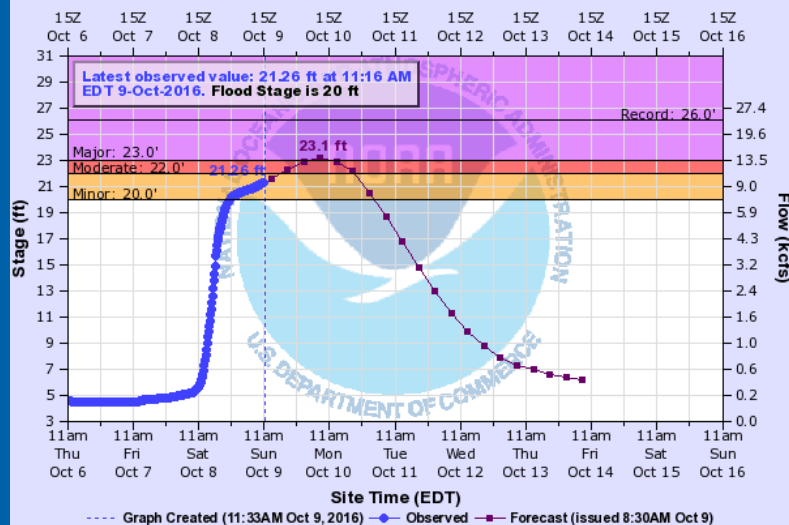


# Tar River Forecasts



**TAR RIVER AT LOUISBURG**

Universal Time (UTC)

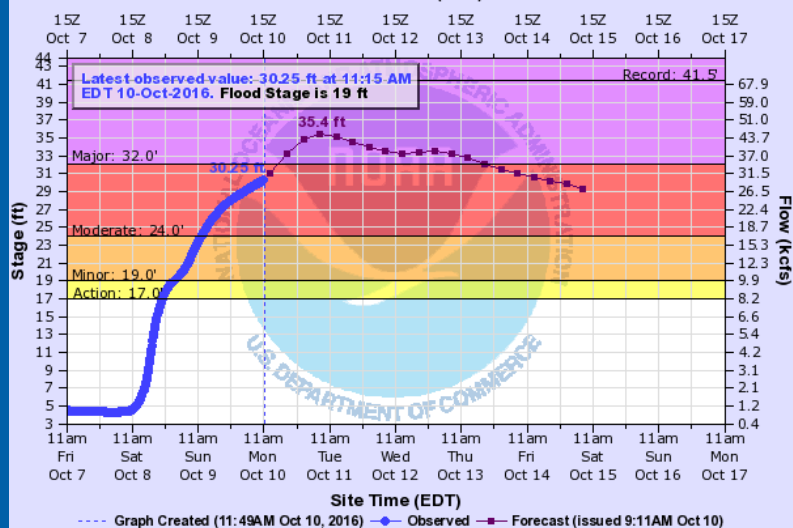


LOUN7(plotting HGIRG) "Gage 0" Datum: 175.75'

Observations courtesy of US Geological Survey

**TAR RIVER AT TARBORO**

Universal Time (UTC)

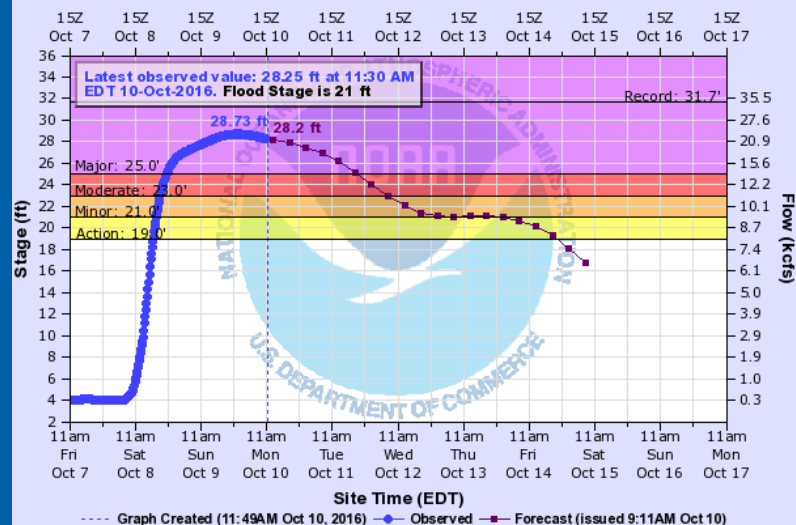


TARN7(plotting HGIRG) "Gage 0" Datum: 9.32'

Observations courtesy of US Geological Survey

**TAR RIVER AT NC97 IN ROCKY MOUNT**

Universal Time (UTC)

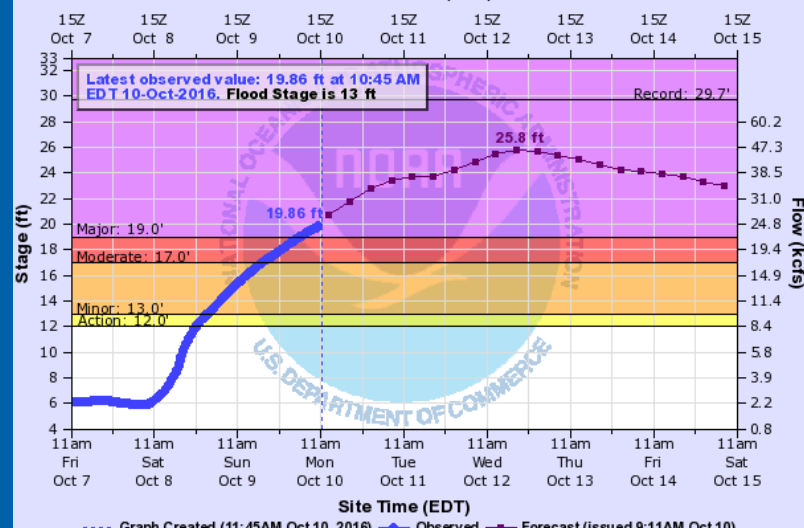


ROKN7(plotting HGIRG) "Gage 0" Datum: 52.81'

Observations courtesy of US Geological Survey

**TAR RIVER AT GREENVILLE**

Universal Time (UTC)

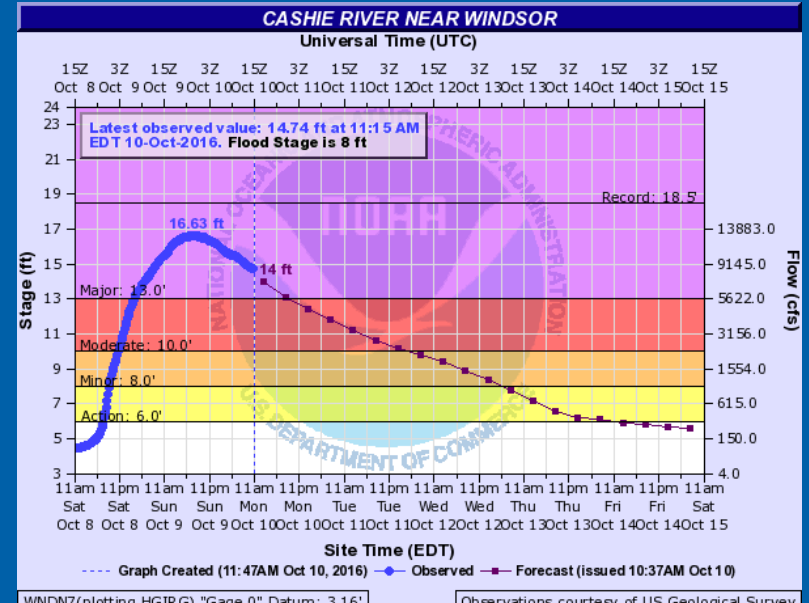
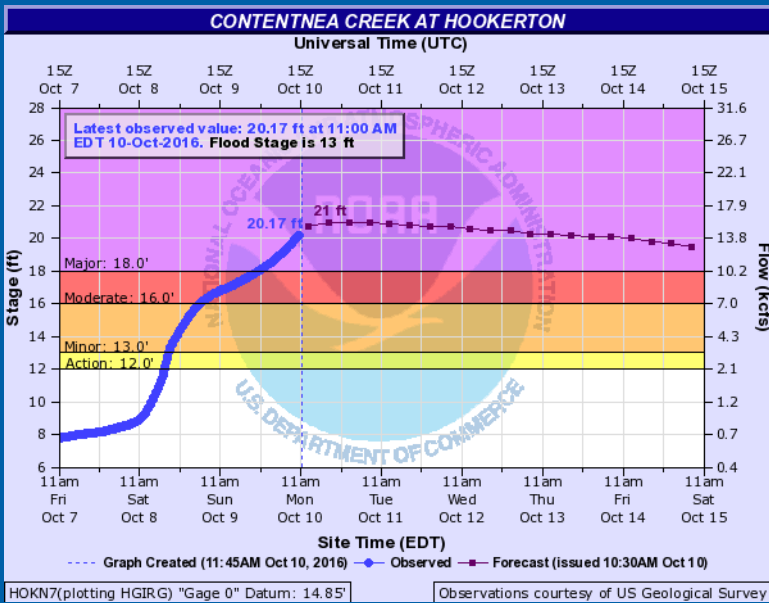
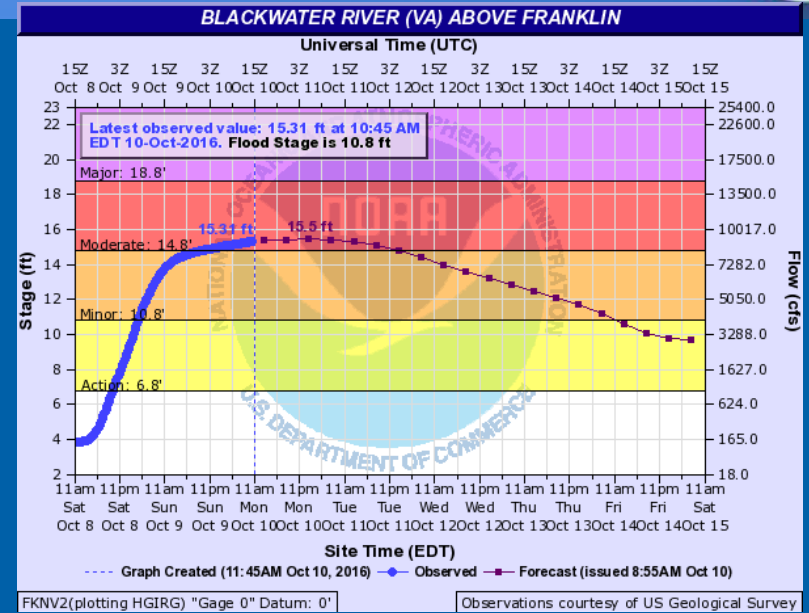
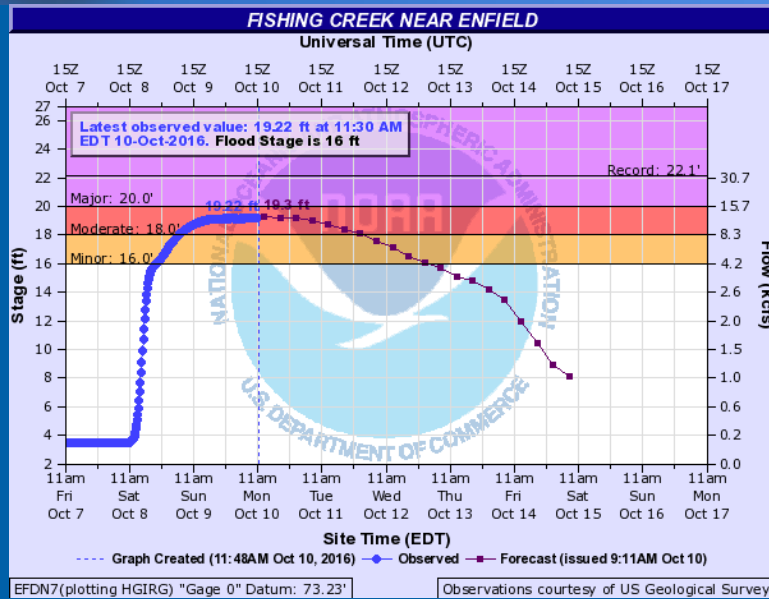


PGVN7(plotting HGIRG) "Gage 0" Datum: -3.54'

Observations courtesy of US Geological Survey



# River Forecasts





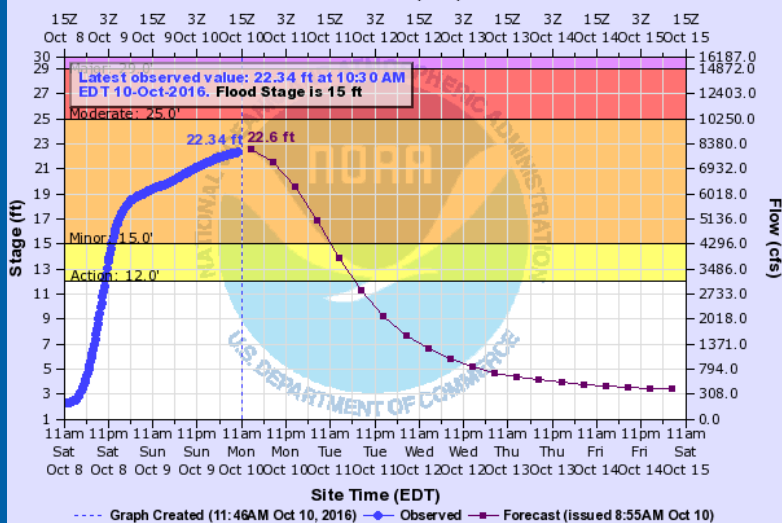


# River Forecasts



## MEHERRIN RIVER NEAR LAWRENCEVILLE

Universal Time (UTC)

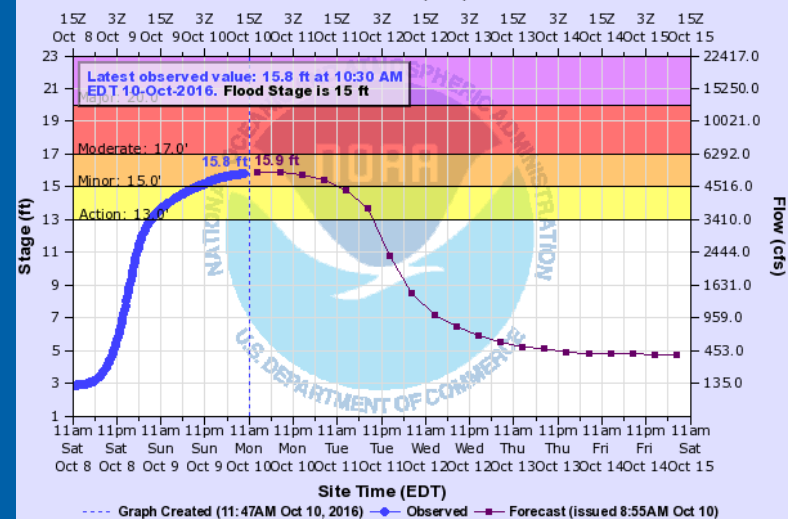


LAWV2(plotting HGIRG) "Gage 0" Datum: 136.56'

Observations courtesy of US Geological Survey

## NOTTOWAY RIVER NEAR STONY CREEK

Universal Time (UTC)

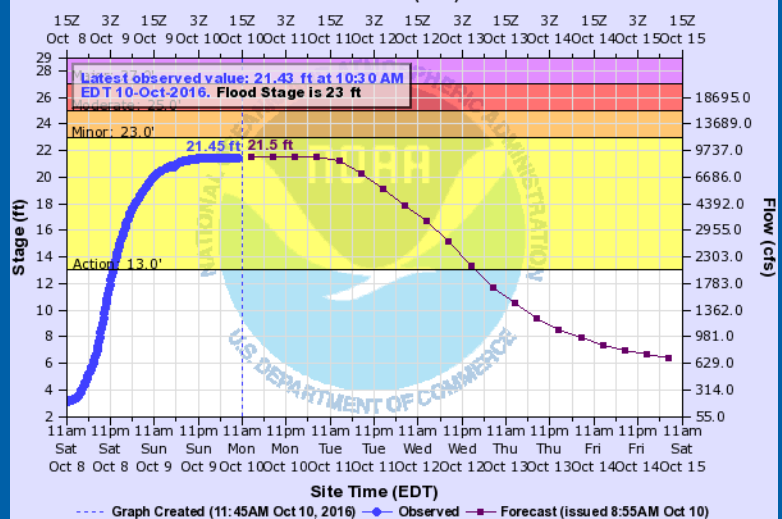


STYV2(plotting HGIRG) "Gage 0" Datum: 58.42'

Observations courtesy of US Geological Survey

## MEHERRIN RIVER AT EMPORIA

Universal Time (UTC)

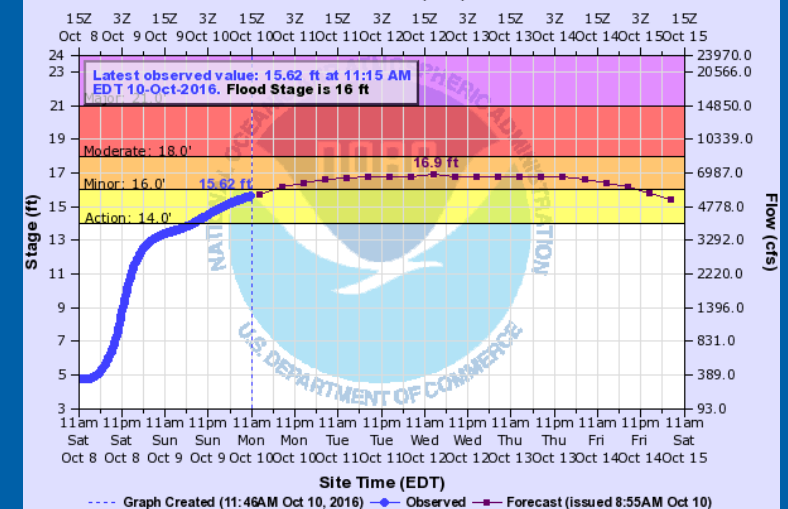


EPOV2(plotting HGIRG) "Gage 0" Datum: 67.17'

Observations courtesy of US Geological Survey

## NOTTOWAY RIVER NEAR SEBRELL

Universal Time (UTC)



SEBV2(plotting HGIRG) "Gage 0" Datum: 5.94'

Observations courtesy of US Geological Survey



# SERFC Operational Status



- SERFC will remain on 24-hour operations. Please contact us if you have any questions or concerns.
- The Daily Operational Support message will be issued again tomorrow for the Carolinas.
- Today's morning forecasts are available at:  
<http://weather.gov/serfc>
- Please send all operational correspondence to  
[sr-alr.rivers@noaa.gov](mailto:sr-alr.rivers@noaa.gov) or call the office directly.



# Helpful Bookmarks



- Monitor the NWS weather radar:  
<http://radar.weather.gov/Conus/southeast.php>
- SERFC Quick Briefing Page:  
<http://www.weather.gov/serfc/?n=quickbrief>
- NWS National 5-day rainfall forecasts  
<http://www.wpc.ncep.noaa.gov/qpf/qpf2.shtml>
- NWS Meteorological Model Ensemble 7-day probabilistic river forecasts  
<http://www.weather.gov/erh/MMEFS>



# About this Briefing



- *The Daily Operational Support Message will continue tomorrow to update you on current conditions and changes to the forecast.*
- *These slides are intended for your use. Please feel free to share these with others. If you have any questions please email [sr-olr.rivers@noaa.gov](mailto:sr-olr.rivers@noaa.gov) or contact your local NWS Weather Forecast Office.*
- *Remember: SERFC briefings cover freshwater flooding. For information on coastal and tidal flooding, flash floods, winds, and severe weather risks, please contact your local Weather Forecast Office.*